Index of Claims

| Application/Control | No. |
|---------------------|-----|
|---------------------|-----|

10/532,436

Examiner

Dinh Q. Nguyen

Applicant(s)/Patent under Reexamination

ZITTEL ET AL.

Art Unit

3752

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |            |  |  |  |  | Claim  |  |  |                 |           |           |          |  | _        |               |  | T D-1-   |          |                 |          |          |          |          |        |          |           |                |          |
|----------|------------|--|--|--|--|--|--|--|-----------------|-----------|-----------|----------|--|----------|---------------|--|--|----------|-----------------|----------|----------|----------|----------|--------|----------|-----------|----------------|----------|
| Cla      | aim        |  |  |  |  | Date Claim Date                                  |  |  |                 |           |           |          | -  | CI       | aim           |  | -  | -1       |                 | ate      | _        |          |          |        |          |           |                |          |
| Final    | Originat   | 425  | •  |  |  |  |  |  |                 |           | Final     | Original |  |          |               |  |  |          |                 |          | Final    | Original |          |        |          | -         |                |          |
| _        | 0          | *  | ┢  | -  |  |  | -  | -  |                 | $\dashv$  | _         | 51       |  | +        | $\top$        |  |  |          | 十               | ٦        | -        | 101      |          | $\neg$ |          | $\dashv$  | T              | $\dashv$ |
|          | (2)        | +  | ┢  | ╁  |  | -  |  |  | _               | $\dashv$  |           | 52       | $\vdash$   | _        | _             | $\dagger$  |  |          | -               | 7        |          | 102      |          |        | _        | $\neg$    | $\neg \dagger$ |          |
| $\vdash$ | 8          | <u> </u>   | $\vdash$   | <u> </u>   |  |  | _  |  |                 | $\dashv$  |           | 53       |  | $\top$   |               | T  | $\vdash$   |          | _               | 7        |          | 103      |          |        |          | i         |                | $\neg$   |
|          | 1          | <del>                                     </del> |  |  |  | -  | -  | <del>                                     </del> |                 | $\neg$    |           | 54       |  | 1        |               | T  | ┪  |          | _               | _        |          | 104      | П        | $\neg$ |          |           |                | $\dashv$ |
| _        | 4          | t  |  | _  | ┢  | $\vdash$   | _  |  |                 | _         |           | 55       |  | $\top$   |               | <del>                                     </del> | _  |          |                 | ┪        |          | 105      |          |        |          | $\neg$    | $\neg$         | $\neg$   |
|          | 1          | -  | <del>                                     </del> |  | <u> </u>   | _  | $\vdash$   | -  |                 | $\dashv$  |           | 56       |  | $\top$   |               | T  |  |          | _               | ┪        |          | 106      | Н        | $\neg$ |          |           |                | $\neg$   |
|          | 7          | +  | 一  | <del> </del>                                     | <del>                                     </del> | ┪  | <u> </u>   | t  | $\dashv$        | _         |           | 57       | Ħ  | $\dashv$ |               | 1  |  |          |                 | ┪        |          | 107      |          |        |          | 一         |                | $\neg$   |
|          | 8          | t  | ┢  | -  | <del>                                     </del> | $\vdash$   | -  |  | T               | _         |           | 58       | H  | $\top$   |               | $\top$   | ┢  |          |                 | 7        |          | 108      | П        |        |          |           |                | $\neg$   |
|          | 9          | +  | <del>                                     </del> | t  |  |  | -  | $\vdash$   |                 | $\dashv$  |           | 59       | <del>                                     </del> | $\dashv$ |               | $\vdash$   |  |          |                 | ┨        |          | 109      | П        |        |          | i         |                |          |
|          | 10         | ⇈  | $\vdash$   | <del>                                     </del> |  | $\vdash$   | $\vdash$   | ┢  |                 |           |           | 60       |  | $\top$   | 1             |  |  |          | _               | ヿ        |          | 110      |          |        |          | 一         |                |          |
|          | 11         | #  | $\vdash$   |  | t  |  | Т  | t  |                 | $\dashv$  |           | 61       | $\Box$   | $\dashv$ |               | t  | Т  |          | _               | 7        |          | 111      | П        | $\neg$ |          | $\dashv$  | $\Box$         | $\neg$   |
|          | 12         | ╁  | 1  | 1  | t  | T  | $\vdash$   | $\vdash$   | -               | $\exists$ |           | 62       | +  | $\dashv$ | $\top$        | T  |  | П        | $\dashv$        | 7        |          | 112      |          |        |          | $\neg$    | $\Box$         | $\neg$   |
| <b></b>  |            | #  | $\vdash$   | T  | $\vdash$   | <del>                                     </del> | $\vdash$   | t  | $\Box$          | ╗         | <b>——</b> | 63       | $\vdash$   | $\top$   | $\top$        | 1  |  |          | _               |          |          | 113      | П        | $\Box$ |          | $\dashv$  | $\dashv$       |          |
|          | 13<br>(3)  | 什  | T  |  | $\vdash$   | $\vdash$   | <b>-</b>   | Ħ  | $\vdash$        | $\dashv$  |           | 64       |  | $\dashv$ |               | 1  | $\vdash$   |          | $\dashv$        | 7        |          | 114      | П        |        |          | $\neg$    | $\dashv$       | _        |
|          | <b>7</b> 5 | 1  | $\vdash$   | <u> </u>   | $\vdash$   | 一  | $\vdash$   |  |                 | _         |           | 65       | Ħ  | $\dashv$ | 1             | 1  | $\vdash$   |          |                 |          |          | 115      |          |        |          |           |                |          |
| -        | 16         | H  | $\vdash$   | ┢  | $\vdash$   | ┢  |  | t  |                 | _         |           | 66       |  | $\dashv$ |               |  | ┰  | _        | <u> </u>        | -        |          | 116      | П        |        |          |           | $\dashv$       | П        |
| $\vdash$ | 17         | 11   | $\vdash$   |  |  | H  | $\vdash$   | <del>                                     </del> |                 | _         |           | 67       | 1 1  | $\top$   |               | T  | <u> </u>   |          | $\dashv$        |          |          | 117      | m        |        | $\neg$   | ヿ         | $\neg$         | _        |
| <b>—</b> | 18         | H  |  | ╁  | $\vdash$   | -  |  | m  | $\vdash$        |           |           | 68       | $\vdash$   | $\dashv$ |               | 1  | $\vdash$   | _        |                 |          |          | 118      | М        |        |          | $\neg$    | $\neg$         | -        |
|          | 19         | $\vdash$   | $\vdash$   | <del> </del>                                     | <del>                                     </del> | $\vdash$   |  | ╁╌   | $\dashv$        |           |           | 69       | 1  | +        |               | †  | $\vdash$   | H        |                 |          |          | 119      | _        |        | _        | $\neg$    | -              | _        |
|          | 20         | Н  | -  | -  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\dashv$        |           | -         | 70       |  | +        |               | -  | $\vdash$   |          |                 | _        |          | 120      |          |        |          | $\dashv$  |                | _        |
|          | 21         | H  | 1  | <del>                                     </del> | ┢  | -  | -  |  |                 |           | -         | 71       | $\vdash$   | $\dashv$ | -             | +  | $\vdash$   |          |                 |          |          | 121      | H        |        |          |           |                | _        |
|          | 22         | ⇈  | +  | <del>                                     </del> | ┢  | -  |  | ┢  | -               |           |           | 72       | <del>  -</del>                                   | _        | -             | +  | $\vdash$   |          |                 | _        |          | 122      | Н        |        |          |           |                |          |
|          | 23         | ÷  | _  | ┢  | -  |  | -  | H  |                 | _         |           | 73       |  | $\dashv$ |               | †  | <del>  -</del>                                   |          | $\neg$          |          |          | 123      |          |        |          | $\dashv$  | $\dashv$       | $\neg$   |
|          | 24         | 1=   | -  | -  | <del>  -</del>                                   | -  |  | $\vdash$   | $\dashv$        |           | -         | 74       |  | +        | -             | -  | $\vdash$   |          | $\dashv$        |          |          | 124      | Н        |        |          |           |                | _        |
| -        | 25         | $\vdash$   | -  | $\vdash$   | ┼─   |  |  | $\vdash$   | $\dashv$        |           |           | 75       |  | -        | _             | ╁╌   | 1  | _        | $\dashv$        |          |          | 125      | Н        |        |          |           | $\neg$         | _        |
| <b></b>  | 26         | ╁  | _  | -  | ╁  |  | $\vdash$   | <del> </del>                                     |                 |           |           | 76       | $\vdash$   |          |               | 1  | T  |          | -               |          |          | 126      | _        |        | _        | _         | _              |          |
|          | 27         | $\vdash$   | $\vdash$   | _  | <del>                                     </del> | <del>                                     </del> | -  |  |                 | _         |           | 77       |  |          | -             | 1  | $\vdash$   | -        | _               | _        |          | 127      | Н        |        |          | $\exists$ | $\dashv$       | _        |
|          | 28         | ╁  | -  | <del>                                     </del> | <del>                                     </del> | -  | -  |  | $\dashv$        | $\dashv$  |           | 78       | 1. 1   | +        |               | 1  | $\vdash$   | -        |                 |          |          | 128      |          |        |          | $\exists$ |                | $\neg$   |
|          | 29         | ╁┈   | 1  | $\vdash$   | -  | <u> </u>   |  |  | $\dashv$        | $\dashv$  | T         | 79       | H  | <b>-</b> | Ť             | 1-   | $\vdash$   | _        |                 | -        |          | 129      |          |        |          |           |                | -        |
|          | 30         | ╁  |  | T  | H  |  | _  | <del> </del>                                     | -               | _         |           | 80       | $\vdash$   |          |               | +-   | 一  |          |                 |          |          | 130      | H        |        |          |           | Ħ              | _        |
| <b> </b> | 31         | ╁  | <del>                                     </del> | -  | $\vdash$   |  |  | 一  |                 | $\dashv$  |           | 81       | $\vdash$   | $\dashv$ |               | +-   | <del>                                     </del> | _        |                 |          |          | 131      |          |        |          | $\neg$    | T              | _        |
| <b></b>  | 32         | 1  | †  | $\vdash$   | T  |  | <del>                                     </del> | $\vdash$   |                 | $\dashv$  |           | 82       | $\vdash$   | -        | _             | T  | T  |          | -               | _        |          | 132      | П        |        |          |           | $\exists$      |          |
|          | 33         | T  | t  | t  | $\vdash$   | <del>                                     </del> | <u> </u>   | $\vdash$   |                 | $\dashv$  |           | 83       | +  | _        | $\top$        | T  | T  | П        | $\neg$          |          |          | 133      | П        | _      | $\neg$   | $\neg$    | $\dashv$       |          |
|          | 34         | $\vdash$   | <b>†</b>   | $\vdash$   | T  |  | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$  |           | 84       | $\vdash$   |          |               | 1  | <del>                                     </del> | Г        | $\top$          |          |          | 134      | П        |        |          |           |                |          |
|          | 35         | T  | 1  | $\vdash$   | $\vdash$   | <del>                                     </del> |  |  |                 | $\dashv$  |           | 85       | T  | $\dashv$ | Ť             | $\top$   | $\vdash$   |          | $\dashv$        |          |          | 135      |          |        |          |           | -              | _        |
|          | 36         | <del>                                     </del> | t  | 1  | <del>                                     </del> | <b>-</b>   |  | 厂  | $\vdash$        | $\neg$    |           | 86       | $\vdash$   | $\dashv$ |               | $\top$   | _  |          | $\dashv$        | 7        |          | 136      |          |        |          |           |                |          |
| _        | 37         | T  | <u> </u>   | 1  | T  | Т  | Т  |  |                 | $\dashv$  |           | 87       | +  | $\dashv$ | 1             | T  | T  |          | $\neg \uparrow$ |          |          | 137      | П        | $\neg$ | $\neg$   | $\neg$    | $\dashv$       |          |
|          | 38         | <del>                                     </del> | t  | 1  | t  | T  |  | $\vdash$   |                 | 7         |           | 88       | +  | $\dashv$ | $\neg \vdash$ | $\top$   | T  | Г        | $\top$          | ٦.       |          | 138      | П        |        |          | $\neg$    | $\Box$         |          |
|          | 39         | T  | t  |  | Ι.   | <del>                                     </del> | $\vdash$   |  | $\Box$          | $\dashv$  |           | 89       | 1-1  | _        |               | T  |  |          |                 | 一一       | T        | 139      | П        |        | $\Box$   | $\neg$    |                |          |
| -        | 40         | T  | <b>†</b>   | 1  | $\vdash$   | <del>                                     </del> | $\vdash$   | T  | $\vdash$        | $\dashv$  | _         | 90       | $\vdash$   | 1        |               |  | t  | $\vdash$ | $\dashv$        |          |          | 140      | $\vdash$ |        |          | $\neg$    | $\dashv$       | _        |
|          | 41         | $\vdash$   | 1-   | 1  | $\vdash$   | <b>!</b>   |  | t  |                 | $\dashv$  |           | 91       | $\vdash$   | 1        | $\top$        | T  | T  | П        |                 | 1        |          | 141      | $\vdash$ |        |          |           |                | _        |
|          | 42         |  | 1 "  | 1  | $\vdash$   | Т  | Г  | T  | $\Box$          | $\dashv$  |           | 92       | $\sqcap$   | 1        |               | 1  |  |          |                 | 7        |          | 142      | П        |        |          | $\neg$    | $\neg$         | _        |
|          | 43         | T  | †  | <del>                                     </del> | <del> </del>                                     | T  |  | $\vdash$   | -               | _         |           | 93       | $\vdash$   | 1        |               | $\top$   | $\vdash$   |          | -+              | ╗        |          | 143      | П        |        |          |           |                |          |
| $\vdash$ | 44         | T  | <del>                                     </del> |  | <del> </del>                                     | $\vdash$   | 1  | <del>                                     </del> | $\vdash$        | $\dashv$  |           | 94       | +  | $\dashv$ | +             | T  | $\vdash$   | П        | -               | _        |          | 144      | Н        |        | $\vdash$ | ᅥ         |                | _        |
| -        | 45         | <del>                                     </del> | 1  | T  | 1  | $\vdash$   |  |  | -               | $\dashv$  | -         | 95       | $\vdash$   | $\dashv$ |               | $\dagger$  | $\vdash$   | $\vdash$ |                 | 7        |          | 145      |          |        |          |           |                | _        |
| _        | 46         | +  | +  | $\vdash$   | $\vdash$   |  | $\vdash$   | <del>                                     </del> |                 | $\dashv$  | -         | 96       | 1-1  | $\dashv$ | +             | +  | $\vdash$   |          | $\dashv$        | 1        |          | 146      | Н        | _      | $\vdash$ | -         |                | $\neg$   |
|          | 47         | t  | H  |  | -  |  | 一  | <del>                                     </del> | $\vdash$        | $\dashv$  |           | 97       | <del>                                     </del> |          | +             | +  | T  | Н        | $\dashv$        | $\dashv$ |          | 147      | $\vdash$ |        |          |           |                | $\dashv$ |
| <b>—</b> | 48         | ╁  | +  | +  | $\vdash$   |  | $\vdash$   | +  |                 | $\dashv$  |           | 98       | +  |          |               | +  | <del>                                     </del> | $\vdash$ | $\dashv$        | $\dashv$ | <b>—</b> | 148      | Н        | =      | $\vdash$ |           | $\dashv$       | $\dashv$ |
|          | 49         | $\vdash$   | t  | 1  | <del>                                     </del> | ╁  | <del> </del>                                     | †  | $\vdash \vdash$ | $\dashv$  | <b>——</b> | 99       | $\vdash$   | $\dashv$ | +             | +  | T  |          |                 | _        |          | 149      | $\vdash$ | -      |          | $\neg$    | $\dashv$       | _        |
|          | 50         | $\vdash$   | H  | H  | -  | $\vdash$   | ╁  | $\vdash$   | $\vdash$        | $\dashv$  |           | 100      | $\vdash$   | $\dashv$ | +             | +  | $\vdash$   |          | -               | _        |          | 150      | $\vdash$ | -      |          | _         | -              |          |
| L        | 100        | 1  | 1  |  | 1  | 1  | L  | 1  |                 |           |           | 1.00     |  |          | i             |  |  | 1        |                 |          |          | 1        |          |        |          |           |                |          |